

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

ORIGINAL
(Red)

SUBJECT: Sampling and Analysis at Artesian Water Company,
Llangollen Wellfield, and Amoco Chemical Company

DATE: May 17, 1977

FROM: Albert Montague, Director
Office of Research and Development (3RD00)

TO: Larry Miller, Chief
Water Quality Monitoring Office (3SA60)

Doctors Chian and DeWalle have been notified of our need for their assistance on this problem. As of mid-afternoon today (May 17), they have their gear all prepared to carry out the request. A transfer of funds to the Solid Waste R&D section at EPA's Cincinnati lab is being prepared to cover the expenses of their work.

There is a possibility that DeWalle will bring enough sample containers properly prepared in a muffle oven at 450°C to satisfy the needs of the AFO as well as those of the EMSL so that all parties will have samples in containers that have not only been prepared in identical fashion, but that have been prepared at the same place and time. I am not entirely sure of this, however, but it does seem to me to be something that is very worthwhile for precision of the exercise.

At this time, then, the only problem is the coordination of DeWalle with the AFO crew and with Charles Kleeman. I have been assured by Don Sanning that DeWalle is available and very possibly in transit at the moment. Bernie Sarnoski is trying to get into contact with Kleeman so that access to the water company wells will be provided.

I am leaving up to S&A and AFO the coordination of sampling date and times as well as all the chemical/analytical ramifications, and expect to handle only the administrative details connected with transfer of funds to ERL Cincinnati to cover the cost of the services provided by Chian and DeWalle.

Attached is a copy of the analytical results given to us this morning by Charles Kleeman.

Attachment

AR100396

SAMPLING RESULTS
ARTESIAN WATER COMPANY LANGOLLEN WELLFIELD

ORIGINAL
(kcd)

Friday, May 13, 1977

Wheeling Field Office: Detection Limit set at 5ppb

	<u>Chloroform</u>	<u>Carbon Tet</u>	<u>Methylene Chloride</u>
Finished Water	ND	ND	<65ppb Probably 10-15ppb
#2	ND	ND	ND
#7	ND	ND	ND
#G-3	ND	ND	ND

Annapolis Field Office: Detection Limit set at 1-2ppb

	<u>Chloroform</u>
Finished Water	ND
#2	ND

EPA Cincinnati:

"No volatile organics detected - #2, #7, #G-3, F.W."

USDA Beltsville: Detection Limit 100ppb

"No chloroform detected - #2, #7, #G-3, F.W."

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